

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

**1. (Currently Amended)** An electro-luminescence display device, comprising:  
gate lines;  
data lines crossing the gate lines;  
pixel cells at crossings of the gate lines and the data lines;  
a gate driver that sequentially applies a gate signal to the gate lines during one horizontal period;  
a gamma driver that generates a plurality of gamma voltage signals corresponding to image data and a plurality of gamma current signals corresponding to the image data; and  
a plurality of data driving circuits that apply the plurality of gamma voltage signals to the pixel cells along a data line during a first time of within the horizontal period and applying current signals corresponding the plurality of gamma current signals to the pixel cells along the data line during a second time within the horizontal period after the first time of the horizontal period,  
wherein each of the plurality of data driving circuits includes a voltage driver that applies the plurality of gamma voltage signals to the data lines to pre-charge the plurality of gamma voltage signals onto storage capacitors in the pixel cells in response to a first level of a control signal, and a current driver that allows the plurality of gamma current signals to flow into the pixel cells in response to a second level of the control signal.

**2. (Original)** The electro-luminescence display device according to claim 1, wherein the first time is shorter than the second time.

**3-4. (Previously Cancelled)**

**5. (Currently Amended)** The electro-luminescence display device according to claim 1, wherein the voltage driver includes:

a plurality of voltage driving blocks corresponding to each data line that applying the plurality of gamma voltage signals; and

a plurality of first switches between each of the voltage driving blocks and each of the data lines, wherein the first switches are turned on by [[a]] the first level of the control signal.

**6. (Currently Amended)** The electro-luminescence display device according to claim 5, wherein the current driver includes:

a plurality of current driving blocks corresponding to each data line that applying the plurality of gamma current signals the current driving blocks having i blocks; and

a plurality of second switches between each of the current driving blocks and each of the data lines and wherein the second switches are turned on by [[a]] the second level of the control signal.

7. (Original) The electro-luminescence display device according to claim 6, wherein the control signal remains at a first level during the first time and remaining at second level during the second time.

8-12. (Previously Cancelled)

**13. (Currently Amended)** A method of driving an electro-luminescence display device, comprising:

applying a gate signal from a gate driver during each horizontal period to select pixel cells along specific horizontal line;

applying a plurality of gamma voltage value corresponding to image data from a voltage driver to data lines during a first time of within the horizontal period to pre-charge the plurality of gamma voltage value onto storage capacitors of the pixel cells in response to a first level of a control signal; and

applying a plurality of gamma current signals corresponding to the image data to the data lines during a second time within the horizontal period after the first time in response to a second level of a control signal.

14. (Previously Cancelled)

15. (Original) The method according to claim 13, wherein the first time is less than the second time.

16-22. (Previously Cancelled)